

9. The device of claim 8, wherein $D > \sqrt{(d_i^2 + d_o^2)}$ where D is the outside diameter of the die-support on each side of the grid, d_i is the inside diameter of the grid and d_o is the outside diameter of the grid.

10. The device of claim 8, wherein $D > 2\sqrt{(d_i^2 + d_o^2)}$ where D is the outside diameter of the die-support on each side of the grid, d_i is the inside diameter of the grid and d_o is the outside diameter of the grid.

11. An installation for applying a coating to an optical fiber, including a support in which there is disposed a device according to claim 1, the support including means for feeding coating liquid around the grid.

12. The installation of claim 11, wherein a chamber is defined around the grid and is connected to the coating liquid feed means, in which the chamber has a volume greater than the inside volume of the grid.

13. The installation of claim 12, wherein the coating liquid feed means include a plurality of passages discharging radially into the chamber.

14. A die-support including a cylindrical grid of circular inside section made in one piece with the die-support and a receiver on each side of the grid to receive a respective die.

15. The die-support of claim 15, wherein the outside diameter of the die-support on respective opposite sides of the grid is greater than the outside diameter of the grid.

16. The die-support of claim 15, wherein $D > \sqrt{(d_i^2 + d_o^2)}$

where D is the outside diameter of the die-support on each side of the grid, d_i is the inside diameter of the grid and d_o is the outside diameter of the grid.

17. The die-support of claim 15, wherein $D > 2\sqrt{(d_1^2 + d_o^2)}$ 5
where D is the outside diameter of the die-support on
each side of the grid, d_1 is the inside diameter of the
grid and d_o is the outside diameter of the grid.